

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I HEREBY DECLARE:

THAT my residence, post office address, and citizenship are as stated below next to my name;

THAT I believe I am the original, first, and sole inventor (if only one inventor is named below) or an original, first, and joint inventor (if plural inventors are named below or in an attached Declaration) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD AND APPARATUS FOR A MORPHOLOGY-PRESERVING SMOOTHING FILTER

(Attorney Docket No. 044407/0660)

the specification of which (check one)

 X is attached hereto.

 was filed on as United States Application Number or PCT International Application Number and was amended on (if applicable).

THAT I do not know and do not believe that the same invention was ever known or used by others in the United States of America, or was patented or described in any printed publication in any country, before I (we) invented it;

THAT I do not know and do not believe that the same invention was patented or described in any printed publication in any country, or in public use or on sale in the United States of America, for more than one year prior to the filing date of this United States application;

THAT I do not know and do not believe that the same invention was first patented or made the subject of an inventor's certificate that issued in any country foreign to the United States of America before the filing date of this United States application if the foreign application was filed by me (us), or by my (our) legal representatives or assigns, more than twelve months (six months for design patents) prior to the filing date of this United States application;

THAT I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above;

THAT I believe that the above-identified specification contains a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the invention, and sets forth the best mode contemplated by me of carrying out the invention; and

THAT I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I HEREBY CLAIM foreign priority benefits under Title 35, United States Code §119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number	Country	Foreign Filing Date	Priority Claimed?	Certified Copy Attached?

I HEREBY CLAIM the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date

I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 1.12, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Application Number	Parent Filing Date	Parent Patent Number

I HEREBY APPOINT the following registered attorneys and agents of the law firm of FOLEY & LARDNER:

RUSSELL J. BARRON	Reg. No. 29,512
DAVID J. BATES	Reg. No. 39,902
STEVEN C. BECKER	Reg. No. 42,308
DOUGLAS A. BOEHM	Reg. No. 32,014
EDWARD W. BROWN	Reg. No. 22,022
CHARLES G. CARTER	Reg. No. 35,093
ALISTAIR K. CHAN	Reg. No. 44,603
JOHN C. COOPER III	Reg. No. 26,416
JEFFREY N. COSTAKOS	Reg. No. 34,144

WILLIAM J. DICK	Reg. No. 22,205
BARRY L. GROSSMAN	Reg. No. 30,844
PAUL S. HUNTER	Reg. No. 44,787
KATHERINE D. LEE	Reg. No. 44,865
KEITH D. LINDENBAUM	Reg. No. 40,365
DAVID G. LUETTGEN	Reg. No. 39,282
PETER J. MANGHERA	Reg. No. 40,080
RICHARD J. MC KENNA	Reg. No. 35,610
JAMES G. MORROW	Reg. No. 32,505
RICHARD B. O'PLANICK	Reg. No. 29,096
TODD A. RATHE	Reg. No. 38,276
MICHAEL D. RECHTIN	Reg. No. 30,128
CHRISTOPHER M. TUROSKI	Reg. No. 44,456
JAMES A. WILKE	Reg. No. 34,279
JOSEPH N. ZIEBERT	Reg. No. 35,421
WALTER E. ZIMMERMAN	Reg. No. 40,883

along with the following registered attorneys and agents of GUIDANT CORPORATION, Cardiac Rhythm Management Group, 4100 Hamline Avenue North, St. Paul, Minnesota, 55112-5978:

RICHARD R. CLAPP	Reg. No. 31,751
TYLER L. NASIEDLAK	Reg. No. 40,099

to have full power to prosecute this application and any continuations, divisions, reissues, and reexaminations thereof, to receive the patent, and to transact all business in the United States Patent and Trademark Office connected therewith.

and I request that all correspondence be directed to:

Peter J. Manghera
 FOLEY & LARDNER
 150 East Gilman Street
 Madison, Wisconsin 53703-1481

Telephone: (608) 258-4265
 Facsimile: (608) 258-4258

I UNDERSTAND AND AGREE THAT the foregoing attorneys and agents appointed by me to prosecute this application do not personally represent me or my legal interests, but instead represent the interests of the legal owner(s) of the invention described in this application.

I FURTHER DECLARE THAT all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Name of first inventor

Eric G. Lovett

Residence

Roseville, Minnesota

Citizenship

United States of America

Post Office Address

1080 Lovell Avenue, Roseville, Minnesota 55113

Inventor's signature

Eric G. Lovett

Date

7/6/00

Name of second inventor

Robert J. Sweeney

Residence

Woodbury, Minnesota

Citizenship

United States of America

Post Office Address

7853 Cobblestone Road, Woodbury, Minnesota 55125

Inventor's signature

Robert J. Sweeney

Date

7/6/00

S/N 09/626,361

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Eric G. Lovett et al.	Examiner:	Unknown
Serial No.:	09/626,361	Group Art Unit:	Unknown
Filed:	July 27, 2000	Docket:	279.491US1
Title:	Method and Apparatus for a Morphology-Preserving Smoothing Filter		

REVOCATION AND POWER OF ATTORNEY
CERTIFICATE UNDER 37 CFR §3.73(b)

Commissioner for Patents
Washington, D.C. 20231

In accordance with 37 C.F.R. Section 1.36, M.P.E.P. Section 402.05 and 402.07, please revoke any existing Powers of Attorney, if any, and appoint the following attorneys and/or patent agents to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith:

Anglin, J. Michael	Reg. No. 24,916	LeMoine, Dana B.	Reg. No. 40,062
Aronoff, Marvin S.	Reg. No. 35,052	Lundberg, Steven W.	Reg. No. 30,568
Arora, Suneel	Reg. No. 42,267	Maki, Peter C.	Reg. No. 42,832
Beekman, Marvin L.	Reg. No. 38,377	Malen, Peter L.	Reg. No. 44,894
Berdie, Raymond R.	Reg. No. 50,769	Mates, Robert E.	Reg. No. 35,271
Bianchi, Timothy E.	Reg. No. 39,610	McCrackin, Ann M.	Reg. No. 42,858
Billion, Richard E.	Reg. No. 32,836	McTavish, Hugh E.	Reg. No. 48,341
Black, David W.	Reg. No. 42,331	Mehrle, Joseph P.	Reg. No. 45,535
Brennan, Thomas F.	Reg. No. 35,075	Moore, Charles L., Jr.	Reg. No. 33,742
Brooks, Edward J., III	Reg. No. 40,925	Muller, Mark V.	Reg. No. 37,509
Chadwick, Robin A.	Reg. No. 36,477	Nama, Kash	Reg. No. 44,255
Clapp, Richard R.	Reg. No. 31,751	Nasiedlak, Tyler L.	Reg. No. 40,099
Clark, Barbara J.	Reg. No. 38,107	Nelson, Albin J.	Reg. No. 28,650
Clise, Timothy B.	Reg. No. 40,957	Nielsen, Walter W.	Reg. No. 25,539
Cochran, David R.	Reg. No. 46,632	Padys, Danny J.	Reg. No. 35,635
Dahl, John M.	Reg. No. 44,639	Parker, J. Kevin	Reg. No. 33,024
Drake, Eduardo E.	Reg. No. 40,594	Perdok, Monique M.	Reg. No. 42,989
Embretson, Janet E.	Reg. No. 39,665	Peret, Andrew R.	Reg. No. 41,246
Forrest, Bradley A.	Reg. No. 30,837	Peterson, David C.	Reg. No. 47,857
Gamon, Owen J.	Reg. No. 36,143	Phillips, Bryan K.	Reg. No. 46,990
Gorrie, Gregory J.	Reg. No. 36,530	Prout, William F.	Reg. No. 33,995
Gortych, Joseph E.	Reg. No. 41,791	Schumm, Sherry W.	Reg. No. 39,422
Greaves, John N.	Reg. No. 40,362	Schwegman, Micheal L.	Reg. No. 25,816
Haack, John L.	Reg. No. 36,154	Scott, John C.	Reg. No. 38,613
Harris, Robert J.	Reg. No. 37,346	Speier, Gary J.	Reg. No. 45,458
Jackson Huebsch, Katharine A.	Reg. No. 47,670	Steffey, Charles E.	Reg. No. 25,179
Jurkovich, Patti J.	Reg. No. 44,813	Stordal, Leif T.	Reg. No. 46,251
Kalis, Janal M.	Reg. No. 37,650	Terry, Kathleen R.	Reg. No. 31,884
Klima-Silberg, Catherine I.	Reg. No. 40,052	Tong, Viet V.	Reg. No. 45,416
Kluth, Daniel J.	Reg. No. 32,146	Viksnins, Ann S.	Reg. No. 37,748
Lacy, Rodney L.	Reg. No. 41,136	Woessner, Warren D.	Reg. No. 30,440
Lemaire, Charles A.	Reg. No. 36,198		

REVOCATION AND POWER OF ATTORNEY

Serial Number: 09/626,361

Filing Date: July 27, 2000

Title: Method and Apparatus for a Morphology-Preserving Smoothing Filter

Page 2

Dkt: 279.491US1

CERTIFICATE UNDER 37 CFR §3.73(b)

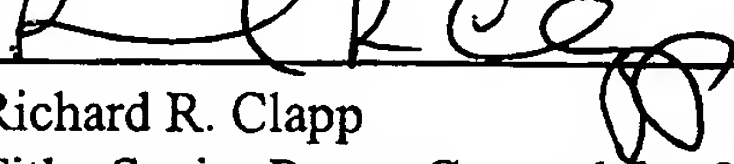
Cardiac Pacemakers, Inc. hereby certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor filed October 2, 2000 and recorded on Reel 011143, Frames 0527 - 0530. To the best of my knowledge and belief, title is in Cardiac Pacemakers, Inc., the assignee.

Pursuant to 37 C.F.R. §3.73(b) I hereby declare that I, Bryan K. Phillips, am empowered to sign this certificate on behalf of Cardiac Pacemakers, Inc., the assignee.

I hereby declare that all statement made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true.

Please direct all correspondence in this case to:

Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402
Telephone No. (612)373-6900

Date 17 May 2002 By 
Richard R. Clapp
Title: Senior Patent Counsel for Cardiac
Pacemakers, Inc.